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Datasheet | Switches

Allied Telesis

AT-GS950/8
8 port Gigabit WebSmart Switch

AT-GS950/8-xx
8 port 10/100/1000T WebSmart switch
with 2 SFP combo ports

Performance
Allied Telesis' WebSmart switch integrates the
simplicity of unmanaged switches with the
performance and reliability of managed switches
to provide a cost-effective solution for users
to integrate management at the edge of their
network. This WebSmart switch provides a
network manager some key features using
the simple web-based management function
such as; port-based VLANs, IEEE 802.1p QoS,
port trunking/link aggregation, priority queues
and IEEE 802.1x packet pass-through. With
support of up to 4K MAC addresses and a
128K packet buffer the AT-GS950/8 WebSmart
switch is an ideal option for integrating
management into your network solution.

Value
Never thought you could afford managed
switches in your network? Always wanted to
provide management functionality at the edge?
Now's your chance. Allied Telesis' WebSmart
switch truely helps network managers get the
most value for their dollar. With industry
standard protocols, fiber media support via
the SFP's and simple Plug and Play usability
right out of the box how can you go wrong
implementing this cost-effective solution into
your network?

Quality and Reliability
Allied Telesis is a worldwide leader in
unmanaged Ethernet switches. Shipping more
than 250,000 unmanaged switches each year,
Allied Telesis offers proven reliability and
industry recognized quality.

Key Features

• 8 10/100/1000T ports

• 2 SFP combo ports

• Non-blocking architecture

• Auto MDI/MDI-X

• Web-based management

• IEEE 802.1x packet pass-through

• Up to 4K MAC addresses

• Link aggregation

• Port setting (speed, availability, flow control)

• Port trunking

• Port mirroring

• IEEE 802.1p QoS

• IEEE 802.1Q tagged VLANs

• Statistics and diagnostics

• Rack-mount kit

• No fan (quiet operation)

• RoHS compliant

Allied Telesis

www.alliedtelesis.com

AT-GS950/8 | 8 port Gigabit WebSmart Switch

Performance
14,880pps for 10Mbps Ethernet
148,800pps for 100Mbps Ethernet
1,488,000pps for 1000Mbps Ethernet

MAC addresses	4K
Packet buffer	128KB
DRAM	16MB
Flash	4MB
Jumbo frame	9728 byte
Switching capacity	8Gbps
Throughput	16Gbps

Power Characteristics
Voltage	100-240V AC
Frequency	50/60Hz
Current	0.3A

Interface Connections
10/100/1000T	RJ-45
1000FX (SFP)	1000SX or 1000LX

Environmental Specifications
Operating temp.	0°C to 40°C (32°F to 104°F)
Non-operating temp.	-25°C to 70°C (-13°F to 158°F)
Operating humidity	5% to 90% non-condensing
Storage humidity	5% to 95% non-condensing

SFP's Supported
1000LX
1000SX
1000LH
1000ZX

Technical Specifications
Physical Characteristics
Dimensions	28cm x 17.9cm x 4.3cm
(W x D x H)	11 x 7 x 1.7in
Weight	1.61Kg
	3.5lbs

Mounting Ability
Wall, desk, or rack

Standards and Compliance
IEEE 802.3	CSMA/CD
IEEE 802.3u	100TX
IEEE 802.3z	1000SX
IEEE 802.3z/ab	100T
IEEE 802.3x	Flow control
IEEE 802.1Q	Tagged VLAN

Electrical/Mechanical Approvals
UL 1950
FCC/EN55022 Class B
VCCI Class B
C-Tick
EN60950 (TUV)
EN55024
CE

Software Features
Web-based management
IEEE 802.1p	Prioritization (four queues)
IEEE 802.1x	Packet pass-through
IEEE 802.1d	Bridging
IEEE 802.3ad	Link aggregation
IEEE 802.1Q	VLAN (32)
IEEE 802.1D	Spanning-Tree
Port settings	Speed, duplex, flow

BPDV pass-through
Ping response
IP settings
Traffic segementation	Multiple overlapping VLAN
Port trunking	4 groups
	up to 2 ports per group

Statistics/diagnostics

Ordering Information

AT-GS950/8-xx
8 port 10/100/1000T WebSmart switch
with 2 SFP combo ports

Where xx =	
10	for US power cord
20	for no power cord
30	for UK power cord
40	for Australian power cord
50	for European power cord

Product Contents
Switch unit
Rack-mount/wall-mount brackets and screws
Power cord
User manual/install guide on CD
Rubber feet

Connecting The (IP) World

Allied Telesis